



Fellowship Name: Cancer Epidemiology & Surveillance Fellowship

## Fellowship Details

**Host Site Organization Name:** Texas Department of State Health Services

**Host Site Division/Program:** Community Health Improvement; Cancer Epidemiology and Surveillance Branch (CESB)

**Host Site/Fellowship Location:** 1100 West 49<sup>th</sup> Street, Austin, Texas 78756

**Host Site Workplace Setting:** Combination of onsite and virtual

**Workplace Setting Description:** Hybrid. Fellow required to work in office at least 1x week.

**Public Health Core Disciplines:** Epidemiology Biostatistics

**Primary Fellowship Focus/Topic:** Cancer Epidemiology

## Fellowship Overview

### Host Site Mission

The Texas Cancer Registry's (TCR) mission is to collect, maintain, analyze, and disseminate high-quality cancer data that contribute towards cancer prevention and control, research, and improving diagnosis, treatment, survival, and quality of life for all cancer patients. We strive to make a significant contribution to the fight against cancer.

### Fellowship Projects

- Evaluating registry data to determine whether TCR is meeting proposed future data quality criteria for accreditation, and formulating solutions for improvement;
- Conducting incidence and survival analyses using National Childhood Cancer Registry data, and comparing to Texas-specific data;
- Conducting analyses for & writing annual cancer data briefs & other cancer reports, including a new report on childhood cancer in Texas;
- Completing requests for cancer statistics or aggregated data, and conducting data linkages; and
- Leading or supporting a cancer epidemiology research project, resulting in an abstract to submit to a professional conference.

### Fellowship Deliverables

- Submission of a cancer epidemiology study abstract to a public health conference;
- Creation of a report/data brief on childhood cancer in Texas;
- Cancer statistics tables for data requests and dissemination on TCR's website; and
- Summary report on registry data quality and ability to meet future proposed accreditation criteria.

### Fellowship Activities/Responsibilities

The Fellow will work on several different tasks performed by cancer epidemiologists in CESB, including generating cancer statistics (incidence, mortality, prevalence, and survival); contributing to comprehensive cancer surveillance reports; reviewing and completing cancer data requests; using SQL and SAS to analyze cancer surveillance data; and assisting with probabilistic data linkages using Match\*Pro. The Fellow will evaluate and improve cancer data quality. They will work with several other external datasets, such as National Childhood Cancer Registry data, and research and learn about the status of childhood cancer in Texas. Lastly, the Fellow will lead or support a cancer epidemiology research project and submit findings as a conference abstract. These activities will help the Fellow gain knowledge and experience in examining surveillance data, program evaluation, applying epidemiologic methods, report and abstract writing, data linkage analysis, and much more.

# 2025-26 Texas Public Health Fellowship

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## Salary and Benefits

**Annual Salary:** Tier 3, \$66,150

All fellows will be eligible for DSHS employee [benefits](#) including [health insurance](#) and leave.

## Travel

**Percent Travel:** 5%

**Travel Description:** The Fellow will have the opportunity to travel to conferences and/or trainings, and possibly to help with epidemiologic investigations as part of a CASPER team (if interested). Travel would largely be within Texas.

## Required Applicant Qualifications

*(The following qualifications are REQUIRED. Do NOT apply to this position unless you currently meet or plan to meet these requirements by the start of the Fellowship, June 1, 2025.)*

**Required certification/license:**

No requirement

**Ability to Speak in Spanish:**

No Requirement

**Ability to Write in Spanish:**

No Requirement

## Preferred Educational Qualifications

*(The following preferences are guidelines provided by the Host Site. These are NOT requirements. Host Sites prefer that applicants have completed or are currently working toward these.)*

**Preferred Level of Education:** Master's Degree

## Preferred Specialized and Technical Skills

*(The following skills will be a focus during this Fellowship position. If you have or are interested in developing data analysis skills or building technical skills in the software listed below, this could be a good Fellowship position for you.)*

**Data Analysis Skills:**

Skilled: comfortable with their knowledge or ability to apply Data Analysis

**Statistical Software Skills:**

Proficient: has ability to use software effectively with some support

**Statistical Software:**

SAS; Excel; SEER\*Stat;

**Other Software:**

Match\*Pro